AMENDMENTS TO THE CLAIMS

1. (Original) A data reproducing apparatus comprising:

a partition acquiring means for acquiring a logical sector number of a header volume descriptor from an anchor volume descriptor recorded in a predetermined logical sector, and for starting replaying a disk from the logical sector number so as to acquire a logical sector number indicating a starting location of a partition;

a file entry acquiring means for starting replaying the disk from a predetermined logical sector number so as to acquire a logical block number of a file entry; and

a file position identifying means for acquiring a logical block number indicating a position of a file from the logical block number acquired by said file entry acquiring means and from the logical sector number acquired by said partition acquiring means, and for identifying a logical sector number indicating the position of the file from the logical block number acquired thereby and from the logical sector number acquired by said partition acquiring means.

2. (Original) The data reproducing apparatus in accordance with Claim 1, wherein said file entry acquiring means determines whether data that is acquired every time the disk is replayed agrees with a predetermined tag identifier, and, when determining that the data agrees with the predetermined tag identifier, recognizes that a predetermined region accompanying the data is a region in which the logical block number of the file entry is recorded.

3. (Original) A data reproducing apparatus comprising:

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a partition acquiring means for starting replaying a disk from a predetermined logical sector number so as to acquire a logical sector number indicating a starting location of a partition;

a root directory acquisition ~~mean~~ means for reading a logical block number indicating a position of a root directory, and for acquiring a logical sector number indicating the position of the root directory from the read logical block number and the logical sector number acquired by said partition acquiring means;

a file entry acquiring means for starting replaying the disk from the logical sector number acquired by said root directory acquiring means so as to acquire a logical block number of a file entry; and

a file position identifying means for acquiring a logical block number indicating a position of a file from the file entry that exists at the logical block number acquired by said file entry acquiring means, and for identifying a logical sector number indicating the position of the file from the logical block number acquired thereby and from the logical sector number acquired by said partition acquiring means and indicating the starting location of the partition.

4. (Original) The data reproducing apparatus in accordance with Claim 3, wherein said partition acquiring means determines whether data that is acquired every time the disk is replayed agrees with a predetermined tag identifier, and, when determining that the data agrees with the predetermined tag identifier, recognizes that a region specified by the data is a region in which the starting location of the partition is recorded.

5. (Original) A data reproducing apparatus comprising:

a management file position acquiring means for starting replaying a disk from a predetermined logical sector number, for searching for a predetermined character string so as to acquire a physical address indicating a location where the character string exists, and for calculating a logical sector number corresponding to the physical address;

a partition acquiring means for reproducing a file entry of a management file so as to acquire a logical block number indicating a position of the management file, and for calculating a logical sector number indicating a starting location of a partition from the logical block number acquired thereby and the logical sector number calculated by said management file position acquiring means; and

a file position identifying means for identifying a logical sector number indicating a position of a file from a logical block number determined thereby by searching for a predetermined file identifier, the logical block number indicating a location from which data is to be reproduced, and from the logical sector number indicating the starting location of the partition, which is calculated by said partition acquiring means.

6. (Original) The data reproducing apparatus in accordance with Claim 5, wherein said partition acquiring means determines the logical sector number indicating the starting location of the partition by subtracting the logical block number indicating the management file position from the logical sector number of the management file calculated by said management file position acquiring means.

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7. (New) The data reproducing apparatus in accordance with Claim 1, wherein said file position identifying means identifies the logical sector number indicating the position of the file stored in across a plurality of sectors.

8. (New) The data reproducing apparatus in accordance with Claim 3, wherein said file position identifying means identifies the logical sector number indicating the position of the file stored in across a plurality of sectors.

9. (New) The data reproducing apparatus in accordance with Claim 5, wherein said file position identifying means identifies the logical sector number indicating the position of the file stored in across a plurality of sectors.

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